

# PATENT ABSTRACTS OF JAPAN

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## (54) CORROSION PREVENTION METHOD AND ANTICORROSIVE FOR GALVANIZED STEEL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a corrosion prevention method and an anticorrosive superior to the conventional ones for a galvanized steel without using harmful hexavalent chromium.

SOLUTION: In the method, the surface of galvanized steel is made in contact with an aqueous solution containing vanadate and aqueous acrylic resin to prevent corrosion in the surface of the steel surface. The galvanized steel is produced by the corrosion prevention method. The anticorrosive consists of the aqueous solution. In this way, the corrosion prevention effect more superior than conventional oil coating, water soluble acrylic resin coating, tannic acid treatment or vanadic acid process.